KEYNSHAM

RURAL DISTRICT COUNCIL.

ANNUAL REPORT

OF THE

Medical Officer of Health.

YEAR 1921.

JEFFERIES, SONS & CO., BRISTOL

Digitized by the Internet Archive
in 2017 with funding from
Wellcome Library

https://archive.org/details/b29531780

7, Whiteladies' Road,
Clifton, Bristol,
March, 1922.

To the Keynsham Rural District Council.

Gentlemen,

In compiling my Annual Report for the year 1921, I have endeavoured to follow, as far as possible, the lines laid down by the Ministry of Health in their Circular 269.

1.—GENERAL STATISTICS.

Area (acres) 21,406.

Population 1921 = 10,630.

Number of inhabited houses 1921 } (information not to hand).
Number of families or separate occupiers 1921 ... }

Rateable value = £

Sum represented by 1d. rate = £302.

2.—EXTRACTS FROM VITAL STATISTICS FOR THE YEAR.

		TOTAL	M.	F.	
Births	Legitimate	187	103	84	Birth rate=17·5
	Illegitimate	3	3	0	

Deaths = 120. ... Death rate = 11·2 (uncorrected).

Number of women dying in, or in consequence of, childbirth ... { from sepsis ... *nil.* ,, other causes, *nil.*

Deaths of infants under 1 year of age per 1000 births :—
Legitimate = 70 6 ; illegitimate = 333·3. Total 74·8.

There were 14 deaths under 1 year of age ; 7 under 1 week ; 1 to 4 weeks, 3 ; 1 to 6 months, 3 ; 6 to 12 months, 1.

Deaths from Measles (all ages) = *nil.*
,, ,, Whooping Cough (all ages), = 1.
,, ,, Diarrhœa under 2 years of age = *nil.*

There has been no unusual or excessive mortality during the year which has received or required comment

3.—NOTIFIABLE DISEASES DURING 1921.

	T'tl cases notified.	Cases admitted to Hospital	Total Deaths	under 1	1—2	2—3	3—4	4—5	5—10	10—15	15—20	20—35	35—45	over 45
Diphtheria ..	15	8	2	..	..	..	..	1	6	5	2	1	..	..
Scarlet Fever ..	26	16	..	..	..	1	..	2	11	5	5	2	..	..
Enteric Fever (including paratyphoid)	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Pneumonia ..	6	..	..	..	..	..	..	..	..	..	..	..	2	4
Encephalitis Lethargica	3	1*	1	..	..	..	..	..	..	..	..	..	2	1
Erysipelas ..	2	..	..	..	..	..	..	..	..	..	..	..	1	1
Malaria ..	1	..	..	..	..	..	..	..	..	..	..	1	..	..
Tuberculosis :—														
(a) Pulmonary M.	6	..	5	..	..	..	..	..	1	..	..	5	..	..
(a) Pulmonary F.	8	..	5	..	..	..	..	..	1	..	2	3	1	1
(a) Pulmonary Total	14	..	10	..	..	..	..	..	2	..	2	8	1	1
(b) Non-Pulmonary M.	1	..	2	..	..	..	..	..	..	..	1	..	..	..
(b) Non-Pulmonary F.	1	..	2	..	..	..	..	..	..		..	1	..	..
(b) Non-Pulmonary Total	2	..	4	..	..	..	..	..	..	..	1	1	..	..

* Bristol Royal Infirmary.

1 Whooping Cough death, age 4.

2 Diphtheria deaths, ages 15 and 18.

1 Encephalitis Lethargica death, age between 40 and 45.

Infectious Disease Rate = 0·2.

The total number of cases of Tuberculosis notified during the year was 16. There were 4 deaths from unnotified Tuberculosis. Of these four, two were from Tubercular Meningitis, aged 17 months and 8 months; one was from tuberculous suppuration of joints, age 47; and the fourth was a case of Pulmonary Tuberculosis, age 49. Thus only one death from Pulmonary Tuberculosis occurred in an unnotified person.

Notifiable Diseases during 1921—continued.

Ophthalmia Neonatorum.—No case of this disease was notified.

4.—CAUSES OF SICKNESS.

There is nothing special to chronicle under this head. Diphtheria became rather troublesome in a sporadic form in Keynsham Parish towards the end of the year.

5.—SUMMARY OF NURSING ARRANGEMENTS, HOSPITALS AND OTHER INSTITUTIONS available for the District.

Professional Nursing in the Home.

General.—There is a nurse who works in the parishes of Keynsham and Saltford; one working in parishes of Corston and Newton St. Loe; one in Whitchurch parish; and one in Brislington parish, whose services are available to subscribers. These nurses are not provided by the Local Authority.

Midwives.

Number practising in district not known. Midwives from Bristol and Bath take occasional cases. None employed or subsidised by Local Authority.

Clinics and Treatment Centres.

None, except treatment centres for Venereal Disease and Tuberculosis Dispensaries, a list of which was given in the Annual Report for 1920 (*quod vide*).

Hospitals provided or subsidised by the Local Authority or by the County Council.

(*a*). Hospitals available for general sickness (not in district and not subsidised by Local Authority):—

Bristol Royal Infirmary.
Bristol General Hospital.
Bristol Hospital for Sick Women and Children.
Bath Hospitals.

Summary of Nursing Arrangements, etc.—continued.

(*b*). Infectious Hospital at Keynsham, provided and maintained by Local Authority. Provision for 12 beds in one ward block, with laundry, disinfector, ambulance house, and gatekeeper's lodge.

Institutional provision for unmarried mothers, illegitimate and homeless children.

None.

Ambulance facilities.

(*a*). For infectious cases. Proper horse ambulance kept at Hospital.

(*b*). For non-infectious and accident—none.

6.—LABORATORY WORK.

Examination of specimens for Diphtheria and Enteric Fever was, as in previous years, carried out by the Medical Officer of Health up to 30th September, 1921, when the work was handed over to the Somerset County Public Health Laboratory, at which all examinations for Diphtheria, Enteric Fever, Tuberculosis, and the bacteriological examination of samples of water are now conducted. Examinations of specimens for Cerebro-spinal Fever has also been arranged with this Laboratory.

Antitoxin.

There are three depôts from which this can be obtained—one at Keynsham, one at Brislington, and one at Corston. Units issued during the year = 114,000.

List of Adoptive Acts, Byelaws and Local Regulations in force in the District.

A list of these was given on page 3 of Annual Report for 1920 (*quod vide*).

7.—SANITARY ADMINISTRATION.

INSPECTOR OF NUISANCES REPORT for the year 1921. *Keynsham, Somerset.*

	No. of Complaints received during the year	218
	No. of Houses, Premises, &c., inspected.. .. under P.H. Acts ..	280
	under H. & T.P. Act ..	123
	No. of re-visits to see that work has been carried out, or for other reasons	164
	Housing re-visits	150
Results of Inspection	No of Houses or Premises cleansed, repaired, or W. washed under P. H. Acts	121
	No. of Orders issued for Sanitary Amendment of Houses or Premises (not Housing)	28
	No. of Houses disinfected, or to which disinfectants were supplied	74
	No. of Infectious cases visited	45
	Tuberculosis—Disinfections, 18. Visited	8
	No. of Visits to infectious cases notified and not notified ..	240
Sewers	No. of New Sewers laid down by Builder	Nil
	No. of Sewers cleansed or repaired	2
House Drains	No. repaired or cleansed	14
	No. relaid (piped)	6
	No. trapped or ventilated	16
	No. of New Pipe Drains laid	21
	No. of other New Drains laid	Nil
Privies, Cesspools and W.C's	No. of Privies cleansed and reconstructed	5
	No. of Cesspools cleansed or reconstructed	4
	No. of Cesspools closed	—
	No. of New Cesspools	2
	No. of New W.C's	4
	No. of W.C's, New Pans and Repairs	6
	No. of Dry Privies constructed (E C's)	3
	No. of Dry Privies converted from Cesspit Closets ..	1
Water Supply	No. of Samples of Water taken for analysis	9
	No. of Wells closed	1
	No of *Old* Houses supplied with Company's Water ..	4
	No. of New Wells	5
	No. of New Cisterns (soft water)	Nil
	No. of Wells or Cisterns cleansed or repaired ..	5
New Houses	No. of New Houses certified as fit for habitation ..	8
	Number of such Houses supplied with Company's Water	8
	Number of such Houses supplied with Wells or Cisterns ..	Nil
	No. of Dairies, &c , inspected	99
	No. of Bakehouses inspected	8
	No. of Slaughter Houses inspected	12
	No. of Factories inspected	2
	No. of Workshops inspected	1
	Overcrowding (cases of) reported	5
	,, ,, abated	3
	No. of Legal Proceedings	Nil

(Signed) GEORGE WATTS, A.S.I.

Sanitary Administration—continued.

Slaughter Houses.

Number Licensed	... 3	Total ...	12
,, Registered	... 9		
Inspections made	...	...	296

Several of these premises are not well fitted for the purpose, but, as they cannot be licensed, we can only try to have them reasonably kept. They are not visited specially at times of slaughtering. The Inspector holds no special certificate in meat inspection.

Dairies Cowsheds and Milkshops.

No. of persons entered on Register	99
,, Cowkeepers	90
,, Inspections made during the year... ...	315

The dairies are regularly visited, and repairs and improvements carried out where necessary. Four sheds repaired this year.

Steam Disinfector and Disinfection.

The disinfector, which is situated at the Hospital, and is a Portable (so called) Steam Disinfector, made by Goddard, Massey & Warner, has again proved of great value. During the year 695 articles have passed through the machine. This is a small number, but the number of cases requiring disinfection was also small. Articles capable of such disinfection are boiled at home; a large number were so dealt with.

House Disinfection.

Rooms are now disinfected with Izal, or cyllin spray, which has replaced the old method of sulphur fumigation. In many cases, where rooms in old cottages have to be dealt with, the use of sulphur is almost impossible, as the fumes pervade the house. The new method is quite as, if not more, effectual, and certainly more comfortable to the inmates.

Disinfection is carried out in all cases of notifiable disease, except Erysipelas.

8.—PUBLIC HEALTH STAFF.

The Staff consists of—

Medical Officer of Health (part time, part salary repaid).
Inspector of Nuisances (whole time, part salary repaid).
Surveyor (part time).
Medical Attendant to Isolation Hospital (part time).
Matron at Hospital.
Wardmaid ,,
Hospital Orderly and Wife, the former acting as Removal Officer, and working steam disinfector, etc., and the latter as Laundress.

9.—HOUSING.

Number of new houses erected during the year:—

(*a*) Total	37
(*b*) As part of a Municipal Housing scheme ...	28

1. Unfit Dwelling Houses.

Inspection—(1) Total number of dwelling-houses inspected for housing defects (under Public Health or Housing Acts)	123
(2) Number of dwelling-houses which were inspected and recorded under the Housing (Inspection of District) Regulations, 1910	113
(3) Number of dwelling-houses found to be in a state so dangerous or injurious to health as to be unfit for human habitation	Nil
(4) Number of dwelling-houses (exclusive of those referred to under the preceding sub-heading) found not to be in all respects reasonably fit for human habitation	120

2. Remedy of Defects without Service of formal Notices.

Number of defective dwelling-houses rendered fit in consequence of informal action by the Local Authority or their Officers	30

Housing—continued.

3. Action under Statutory Powers.

A.—Proceedings under Section 28 of the Housing, Town Planning, &c. Act, 1919:—

(1) Number of dwelling-houses in respect of which notices were served requiring repairs ... Nil

(2) Number of dwelling-houses which were rendered fit:—

(*a*) by owners ... ... Nil

(*b*) by Local Authority in default of owners ... Nil

(3) Number of dwelling-houses in respect of which Closing Orders became operative in pursuance of declarations by owners of intention to close ... Nil

B.—Proceedings under Public Health Acts:—

(1) Number of dwelling-houses in respect of which notices were served requiring defects to be remedied 34

(2) Number of dwelling-houses in which defects were remedied:—

(*a*) by owners 47

(*b*) by Local Authority in default of owners ... Nil

C.—Proceedings under Sections 17 and 18 of the Housing, Town Planning, &c., Act, 1909:—

(1) Number of representations made with a view to the making of Closing Orders ... ... Nil

(2) Number of dwelling-houses in respect of which Closing Orders were made ... ... Nil

(3) Number of dwelling-houses in respect of which Closing Orders were determined, the dwelling-houses having been rendered fit ... ... Nil

(4) Number of dwelling-houses in respect of which Demolition Orders were made ... ... Nil

(5) Number of dwelling-houses demolished in pursuance of Demolition Orders ... ... Nil

JOHN C. HEAVEN,

Medical Officer of Health.

10.—CAUSES OF DEATH IN KEYNSHAM RURAL DISTRICT, 1921.

(Civilians only).

	Causes of Death	M.	F.
	ALL CAUSES	64	56
1	Enteric Fever	—	—
2	Small-pox	—	—
3	Measles	—	—
4	Scarlet Fever	—	—
5	Whooping Cough	1	—
6	Diphtheria	1	1
7	Influenza	—	—
8	Encephalitis Lethargica	—	—
9	Meningococcal Meningitis	—	—
10	Tuberculosis of Respiratory System .. .	5	5
11	Other Tuberculous Diseases	2	2
12	Cancer, malignant disease	6	7
13	Rheumatic Fever	1	—
14	Diabetes	—	1
15	Cerebral Hæmorrhage, &c.	5	10
16	Heart Disease	5	9
17	Arterio-sclerosis	2	1
18	Bronchitis	3	4
19	Pneumonia (all forms)	5	3
20	Other Respiratory Diseases	2	—
21	Ulcer of Stomach or Duodenum	—	—
22	Diarrhœa, &c. (under 2 years)	—	—
23	Appendicitis and Typhlitis	1	—
24	Cirrhosis of Liver	—	—
25	Acute and Chronic Nephritis	1	2
26	Puerperal Sepsis	—	—
27	Other Accidents and Diseases of Pregnancy and Parturition	—	—
28	Congenital Debility and Malformation, Premature Birth	6	2
29	Suicide	3	—
30	Other Deaths from Violence	4	1
31	Other defined Diseases	11	8
32	Causes ill-defined or unknown	—	—
	Deaths of Infants under 1 year .. Total ..	10	4
	Deaths of Infants under 1 year .. Illegitimate ..	—	1
	TOTAL BIRTHS	103	84
	Legitimate	100	84
	Illegitimate	3	—
	POPULATION	10,630	

GENERAL REGISTER OFFICE,
SOMERSET HOUSE,
LONDON, W.C. 2.